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1995

HKM Associates  
Smith Pit  
Maintenance  
Project  
(supplement to  
DSL/AMRB 93-003)  
Carbon County, MT

FINAL REPORT

SMITH PIT MAINTENANCE PROJECT  
(Supplement to DSL/AMRB 93-003)

CARBON COUNTY, MT

for

STATE OF MONTANA

ABANDONED MINE RECLAMATION BUREAU  
DSL-AMRB 94-M07

Prepared By

HKM ASSOCIATES  
PO Box 31318  
2727 Central Avenue  
Billings, MT 59105

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## 1.0 INTRODUCTION

### 1.1 Site Description of Work

The project consists of reseeding of approximately 30 acres of the reclaimed Smith Mine strip pit. The Smith Mine strip pit was approximately 5500 feet long, 40 feet wide. The work includes mobilization and demobilization, revegetation, bales for erosion control, and restapling of erosion control fabric as directed by the Engineer.

## 2.0 RESPONSIBLE PARTIES

### 2.1 Contractor

Townsend Agricultural Services, Inc.  
PO Box 265  
Cowley, WY 82420

### 2.2 Reclamation Plan

HKM Associates  
PO Box 31318  
Billings, MT 59107

### 2.3 Quality Control Inspection

Preliminary and Final Plans and Specifications by:

HKM Associates  
PO box 31318  
Billings, MT 59107

### 2.4 AMRB Coordination

Vic Anderson and Joel Chavez  
Department of State Lands

## 3.0 CHRONOLOGICAL LISTING OF EVENTS

### 3.1 Pre-Bid Conference

September 15, 1994



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<https://archive.org/details/smithpitmaintena1995hkma>

### 3.2 Bid Date

September 20, 1994

### 3.3 Bids Received

Townsend Agricultural Services, Inc.  
PO Box 265  
Cowley, WY 82420

A copy of the bid is included in Attachment I

### 3.4 Contract Award

Townsend Agricultural Services, Inc.  
PO Box 265  
Cowley, WY 82420

### 3.5 Notice of Award

Contract Award, November 17, 1994

### 3.6 Notice to Proceed

November 29, 1994

### 3.7 Construction Schedule

Commencement, December 1, 1994  
Completion, December 4, 1994

### 3.8 Change Orders

None

### 3.9 Requests for Payment

Lump Sum of \$18,000.00, Requested 1/12/95

### 3.10 Final Completion and Approval

the final inspection was conducted on December 17, 1994 by Joel Friedt, HKM Associates.

### 3.11 Final Payment

Final payment was processed on January, 1995. The total construction amount paid to Townsend Agricultural Services, Inc. was \$18,000. One percent of this amount has been deducted for taxes.





## 4.0 CONSTRUCTION

### 4.1 Description of Project Plan

The reclaimed surface of Smith Pit was reseeded after the initial 1994 spring seeding failed due to drought conditions. A lump sum item to replace and restaple erosion control mat was also included.

## 5.0 PROJECT COSTS

The total construction cost was \$18,000 as bid.

## 6.0 PROJECT SUMMARY

### 6.1 Summary of Project

See 4.1

### 6.2 Site Condition After Completion

All disturbed areas were seeded and mulched according to specifications. Photographs of the site are included as Attachment II.



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# ATTACHMENT I

SMITH PIT MINE MAINTENANCE PROJECT  
CARBON COUNTY, MONTANA

HKM ASSOCIATES  
DSL/AMRB 94-M07  
October 20, 1994

BID TABULATIONS				ENGINEER'S ESTIMATE		TOWNSEND AGRICULTURAL SERVICES, INC.			
Item Number	Estimated Quantity	Unit	Description	Unit Price	Total Price				
1.	1	ea	Erosion Control Mat	150.00	150.00			0.00	0.00
2.	30	Acre	Revegetation	595.00	17,850.00			0.00	0.00
					0.00			0.00	0.00
					18,000.00			0.00	0.00



## **ATTACHMENT II - PHOTOGRAPHS**

**Photographs were taken on December 13, 1994  
approximately 10 days after  
completion of seeding.**

























